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The Nature of Aromatics and Tars Contained in High-Boiling Petroleum Fractions, by L. G. Zhordeva, 23 pp.

RUSSIAN, mo per, Khim i Tekh Topliva, No 1, 1956, pp 17-26, Encl to IR-1766-56, AFOIN-1A1.

AF 1041391

USSR
Sci - Fuels
Jan 57 CTS

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Petroleum-Derived Stocks for the Production of Synthetic Fibers, by A. D. Sulimov, et al, 21 pp.

RUSSIAN, per, Khim i Tekh, No 1, Moscow, 1956, pp 33-43, Encl to IR [redacted] 1912-56, AFOIN-1A1.

AF 1068462

44,073

USSR
Econ
Sci - Fuels, Engr
Feb 1957 EX CIS

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Lubricating Oils From Sulfurous Eastern Crudes, by L. G. Zhardeva, et al, 15 pp.

RUSSIAN, per, Khim i Tekh Top, No 1, 1956, pp 50-57, Encl to IR-1875-56, AFOIN-1A1.

AF 1052642

42,625

Sci - Fuels
Jan 57 CFS

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Antiwear Properties of Petroleum Oils, by G. V. Vinogradov, et al.

RUSSIAN, per, Khim i Tekhnol Topliva i Masel, Vol I, No 1, 1956, pp 61-73.

ATS RJ-1201

Sci - Chem
Apr 60

114, 519

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830046-4

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New Research on the Composition of Crude Oils and Petroleum Products, 8 pp.

RUSSIAN, per, Khim i Tekh Topliva, No 2, 1956, pp 1-8, Encl to IR 1872-56.

AID #6,543

Sci - Fuels
April 57 CTS

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830046-4

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Individual Hydrocarbons in a Gasoline Fraction From West Kebit-Dag Petroleum (Akchagyl Stratum), by A. V. Topchiyev, 8 pp.

RUSSIAN, no per, Khim i Tekh Ton, No 2, 1956, pp 9-13, Encl to IR-1847-56, AFOIN-1A1.

AF 1049838

43,054

Sci - Fuels
Jan 57 CTS

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The Relative Anti-Oxidative and Other Chemophysical Properties of Naphthenic Hydrocarbons Contained in High Boiling Petroleum Fractions, by L. G. Zhardev, V. A. Potanin, B. B. Krol', 14 pp.

RUSSIAN, per, Khim i Tekh Top, No 2, 1956, pp 13-23, Encl to IR-1852-56, AFOIN-1A1.

AF 1054009

42,626

Sci - Fuels
Jan 57 CTS

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The Composition of Gasoline From Zhirnoye Crudes, 9 pp.

RUSSIAN, per, Khim i Tekh Top, No 2, 1956, pp23-26, Encl to IR-1871-56, AFOIN, IAI.

AID/Jan 57

Sci - Chem, Fuels

50,063

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830046-4

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RUSSIAN, mp, Khim i Tekh Topliva, No 3, 1956, pp 1-7.
E Encl to SIR-2510.

AID 46,548

Sci - Fuels
Apr 57 CTS

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The Catalytic Activity of Some Natural Siliceous Minerals and Particularly of Kieselguhr, Used as a Catalyst in the Synthesis of Hydrocarbons From Carbon Monoxide and Hydrogen, by A. N. Bashkirov, F. I. Novak, S. M. Loktev, V. V. Kamzolkin, 6 pp.

RUSSIAN, no per, Khim i Tekh Topliva, No 3, 1956, pp 38-43, Encl to IR-1906-56, AFOIN-1A1.

AF 1068459 43,446

Sci - Fuels
Feb 1957 CTS/dex

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On the Properties of Paraffin-Base Oils at Low Temperatures, by G. V. Vinogradov, V. G. Iebedev. UNCL

RUSSIAN, per, Khim i Tekh Topliva, No 3, 1956, pp 54-58.

The Thornton Research Centre
1023 OT/3426

Sci - Chemical Fuels
Jun 59

89,972

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830046-4

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Determination of the Amounts of Circulating Catalyst in Cracking Systems With Moving Powder Catalysts, by N. M. Indinkov

RUSSIAN, ms per, Khim i Tekh Topliva, No 4, 1956, pp 1-6.

Tech and Comm Tr
$55.00 40,589

Sci - Fuels
Nov 56 CTS

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830046-4

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The Study of the Synthesis of Hydrocarbons From Carbon Monoxide and Hydrogen Over a Kieselguhr Catalyst, by A. N. Bashkirov, S. N. Loktev, 5 pp.

RUSSIAN, mo per, Khim i Tekh Topliv, No 4, 1956, pp 7-12, Encl to IR-1906-56, AFOIN-1A1.

AF 1068459

43,448

Sci - Fuels
Feb 1957 CIS/dex

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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830046-4

The Relation of the Physical-Chemical Properties of Synthetic Oils and the Structure of the Original Starting Hydrocarbons, by M. G. Rudenko

RUSSIAN, no per, Khim i Tekh Topliva, No 4, 1956, pp 13-19.

AEC/NPT-262
Tech and Comm Tr
$60.00
40,587
ATS RJ-1102

Sci - Fuels
Nov 56 CTS

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Some Characteristics of the Disintegration of (Stone) Coal in Relation to the Petrographic Composition, by T. A. Nukharenko

RUSSIAN, no per, Khim i Tekh Topliva, No 4, 1956, pp 20-30.

Tech and Comm Tr
$105.00

40,588

Sci - Fuels
Nov 56 CTS

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Study of the Knock Stability of Automobile Gasoline on the Motor ZIS-120, by N. F. Kaibash

RUSSIAN, no per, Khim i Tekh Topliva, No 4, 1956, pp 30-36.

Tech and Comm Tr
$60.00

40,585

Sci - Fuels
Nov 56 CTS

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Study of the Mechanical Action of Anti-Corrosion Admixtures to Oils by the Marked Atom Method, by Yu. S. Zaslavskiy

RUSSIAN, no per, Khim i Tekh Topliva, No 4, 1956, pp 37-49.

ATS/RJ-724
Tech and Comm Tr
$120.00

40,586

Sci - Fuels
Nov 56 CTS

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SLA R-2001

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Study of the Velatility Process of Heavy Cylinder Oils, by A. I. Piskunova

RUSSIAN, ms per, Khim i Tekh Topliva, No 4, 1956, pp 50-55.

Tech and Comm Tr
$60.00

40,583

Sci - Fuels
Nov 56 CTS

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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830046-4

The Chemical Nature and the Action of Aluminum-Chromium Catalysts, by L. I. Piguzova

RUSSIAN, no per, Khim i Tekh Topliva, No 4, 1956, pp 56-59.

Tech and Comm Tr
$30.00

40,584

Sci - Fuels
Nov 56 CTS

ATS/RJ-704

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Sludge Formation in Automobile Carburetor of Meters, by A. B. Vipper

RUSSIAN, mo per, Khim i Tekh Topliva, No 4, 1956, pp 59-62.

Tech and Comm Tr
$40.00

Sci - Fuels
Nov 56 CTS

40,581

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830046-4

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The Effect of Water on the Stability of Admixtures in Motor Oils, by V. I. Sharapov

RUSSIAN, mo per, Khim i Tekh Topliva, No 4, 1956, pp 63,64.

Tech and Comm Tr
$20.00

Sci - Fuels
Nov 56 CTS

40,582

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830046-4

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To the Problem at the Consumption of Heat at the Distillation of Petroleum, by P. M. Lozgachev

RUSSIAN, mo per, Khim i Tekh Topliva, No 4, 1956, pp 65-68.

Tech and Comm Tr
$35.00

Sci - Fuels
Nov 56 CTS

40,579

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Determination of Sodium and Potassium in Catalyst by the Flame Method, by S. N. Alexandrov

RUSSIAN, mo per, Khim i Tekh Topliva, No 4, 1956, pp 68-72.

Tech and Comm Tr
$40.00

40,580

Sci - Fuels
Nov 56 CTS

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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830046-4

The Thermal Stability of Sulfur Compounds of Kuybyshev Oblast Crudes, by Ye. I. Skripnik, V. I. Isafulyants, I. K. Shtov, 12 pp.

RUSSIAN, per, Khim i Tekh Topliva, Moscow, No 5, 1956, pp 1-7.

ATIC F-TS-9068/V

Sci - Fuels
Mar 1957 CTS

45,052

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830046-4

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The Composition of Synthetic Hydrocarbons Produced From CO and H_2 Over Kieselguhr Catalysts, by A. N. Bashkirov, S. M. Loktev, M. I. Khotenskaya, 16 pp.

RUSSIAN, mo per, Khim i Tekh Topliva, 1956, No 5, pp 18-22, Encl to IR-1906-56, AFOIN-1A1.

AF 106459

43,447

Sci - Fuels
Feb 1957 CTS/dex

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Relationship Between the Physicochemical Properties of Synthetic Oils and the Structure of the Original Hydrocarbons. Part 2, by M. G. Rudenko, V. N. Gromova.

RUSSIAN, mo per, Khim i Tekh Topliva, No 5, 1956, pp 43-47.

Assoc Tech Sv
Tr RJ-578
$4.95 52,233

Sci - Chem
Sep 57

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830046-4

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Vinogradov, G. V., Bezborod'ko, M. D. and others
ORGANOPHOSPHORUS ANTI-WEAR ADDITIVES FOR LUBRICATING OILS. [1961] [14]p. 1 ref. [DSIR NLL]'M.4668.
Order from OTS or SLA $1.60 62-19125

Trans. of Khimiya i Tekhnologiya Topliv [i Masel] (USSR) 1956 [v. 1] no. 5, p. 47-59.

DESCRIPTORS: *Lubrication, *Oils, Additives, Friction, Organic compounds, Phosphorus compounds.

The distinct functional role of phosphorus and sulfur in thio-organophosphorus oil additives during the friction of steel against steel was established.

(Materials--Lubricants, TT, v. 7, no. 11)

62-19125

I. Vinogradov, G. V.
II. Bezborod'ko, M. D.
III. DSIR NLL M.4668

Office of Technical Services

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The Effect of Metals on the Lacquer-Forming Properties of Oils, by K. K. Papok, B. S. Zuseva.

RUSSIAN, mo per, Khim i Tekh Topliva, No 5, 1956, pp 64-69.

Assoc Tech Sv
Tr RJ-577
$7.80 52,231

Sci - Chem; Fuels
Sep 57

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Liquid Normal Paraffins as a Raw Material for the Synthesis of Higher Fatty Acids, by V. K. Tsyskovskiy, Ts. N. Shcheglova, E. M. Nebylova, 8 pp.

RUSSIAN, per, Khim, i Teknol Topliva, No 6, 1956, pp 9-14.

Associated Tech Sv
Tr 69H 11R
ATS/RJ-716
54,484

Sci - Chemistry
Oct 57

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Splitting of Humic Acids by Metallic Sodium in Liquid Ammonia, by T. A. Kukharenko, T. E. Vvedenskaya.

RUSSIAN, per, Khim i Tekh Topliva, No 6, 1956, pp 25-34.

MLL M. 3599

Sci - Chem

Jul 52

207,188

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830046-4

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Methods of Determining the Strength of Spheroidal Silica-Alumina Catalysts, by A. A. Proshkin, 4 pp.

RUSSIAN, per, Khim i Tekhnol Topliva, No 6, 1956, pp 57-60.

Assoc Tech Serv 71H11R
ATS/RJ-703

Jul 58

69,993

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830046-4

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The Problems of Chemical Kinetics in the Industry (Chemical Processes, Synthesis), by D. I. Orochko.

RUSSIAN, mo per, Khim i Tekh Topliva, No 8, 1956, pp 1-8.

Tech and Comm

$65.00

48,909

Sci - Chemistry
Feb 1957 CTS/dex

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Hydrogenation of Aldehydes (C_6-C_8) in Alcohol, by S. Z. Levin.

RUSSIAN, no per, Khim i Tekh Topliva, No 8, 1956, pp 8-12.

Tech and Comm

$35.00

43,910

Sci - Chemistry
Feb 1957 CTS/dex

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Study of Kerosine-Gas Oil Fraction 200-350°C of th
Romashkinskiy Petroleum, by V. G. Nikolayeva.

RUSSIAN, no per, Khim i Tekh Topliva, No 8, 1956,
pp 12-18.

Tech and Comm

$40.00

43,911

Also AF 1076907

Sci - Fuels
Feb 1957 CTS/dex

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Method of the Adsorption Analysis and Separation o
Hydrocarbon Gases, by A. M. Brodskiy.

RUSSIAN, mo per, Khim i Tekh Topliva, No 8, 1956,
pp 18-22.

Tech and Comm

$40.00

43,912

Sci - Chemistry
Feb 1957 CTS/dex

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The Influence of Various Factors on the Yield of Products of Thermal Cracking, by M. D. Tilicheyev

RUSSIAN, no per, Khim i Tekh Topliva, No 8, 1956, pp23-31.

AF 1094447
Tech and Comm

$60.00

43,915

Sci - Fuels
Feb 1957 CTS/dex

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In Influence of Caustic Admixtures on the Activity and Selectivity of Iron-Copper Catalysts, by B. P. Baymshteyn.

RUSSIAN, mo per, Khim i Tekh Topliva, No 8, 1956, pp 31-35.

ATS 57-1196

Tech and Comm

$35.00

43,916

Sci - Chemistry
Feb 1957/ CTB/dex

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Optic Properties of Solutions of Humates and of Ashes of Humic Acids, by E. M. Aleksandrova.

RUSSIAN, no per, Khim i Tekh Topliva, No 8, 1956, pp 36-46.

Tech and Comm

$65.00

43,913

Sci - Chemistry
Feb 1957 CTS/dex

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Stoichiometric Analysis of the Combustion and Gasification Process of Solid Fuels, by B. M. Derman.

RUSSIAN, mo per, Khim i Tekh Topliva, No 8, 1956, pp 46-54.

Tech and Comm

$50.00

43,914

Sci - Fuels
Feb 1957 CTS/dex

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Chemical Structure of Surface-Active Substances (Depressing Agents) Which Increase the Flow of Lubricating Oils at Low Temperatures, by P. I. Sanin.

RUSSIAN, mo per, Khim i Tekh Topliva, No 8, 1956, pp 54-58.

AF 1082127
Tech and Comm

$25.00
43,917

Sci - Chemistry
Feb 1957 CTS/dex

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Study of the Influence the Aging Products of Diesel Oil on the Change of the Wear-resisting Properties With the Radioactive Indicator Method, by N. I. Itinskaya.

RUSSIAN, mo per, Khim i Tekh Topliva, No 8, 1956, pp 58-65.

Tech and Comm
$60.00

43,918

Sci - Fuels
Feb 1957 CTS/dex

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Means of Determining the Density of Saturated Vapor of Liquid Fuel, by I. P. Budarov.

RUSSIAN, mo per, Khim i Tekh Topliva, No 8, 1956, pp 65-68.

Tech and Comm

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43,919

Sci - Fuels
Feb 1957 CTS/dex

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RUSSIAN, no per, Khim i Tekh Topliva, No 8, 1956, pp 69-72.

AF 1100445
Tech and Comm

$40.00
43,920

Sci - Chemistry
Feb 1957 CTS/dex

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Hydro-purification of Distilled Fraction of Eastern Petroleum Without the Introduction of Hydrogen From Without, by A. D. Sulimov.

RUSSIAN, no per, Khim i Tekh Topliva, No 9, 1956, pp 1-11.

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AF 107/266

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43,937

Sci - Fuels
Feb 1957 CTS/dex

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Low Temperature Properties of Hydrocarbon Fuels, by Ya. B. Chertkov, V. N. Zrelov.

RUSSIAN, mo per, Khim i Tekh Topliva, No 9, Sep 1956, pp 11-22.

44,215

Tech and Comm
$65.00

Sci - Fuels
Feb 1957 CTS/dex

SLA 59-1212
ATIC-F-TS-10099/2

IR 1323-57 (AF 1094443)

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The Temperature Relation of the Heat Formation in Homologous Series of Hydrocarbons, by M. Kh. Karapet'yants.

RUSSIAN, mo per, Khim i Tekh Topliva, No 9, 1956, pp 22-34.

Tech and Comm

$75.00

#3,938

Sci - Chemistry
Feb 1957 CTS/dex

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Methylation of Pentane With Methyl Chloride, by Yu. L. Khmel'nitskiy.

RUSSIAN, no per, Khim i Tekh Topliva, No 9, 1956, pp 34-39.

Tech and Comm

$35.00

43, 941

Sci - Chemistry
Feb 1957 CTS/dex

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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300830046-4

On the Oxidation of Sulfides With Hydrogen Peroxide, by E. N. Karaulova.

RUSSIAN, no per, Khim i Tekh Topliva, No 9, 1956, pp 39-44.

Tech and Comm

$35.00

43,942

Sci - Chemistry
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